

Meeting Minutes

Date: 11-30-18

Attendees: Hailey Johnson, Wei Zhao, Jordan Cates, Eric Booth, Ujjwal Roy

Announcements:

- Feng Li won't be in attendance due to Snapshot
 - Ujjwal won't be in attendance until half way through the meeting
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Meeting:

- Reviewing Diagrams
 - UI Diagram
 - Login Diagram
 - Student Access
 - Change facilitator type to developer
 - Access to code but not to the personal information
 - Need to be able to create a specific account
 - Give access to whatever we think we will need
 - Purpose
 - Public, Private, Multi-use
 - Testing
 - Starting with account creation
 - Will move on to inputting data
 - Using localhost to test database
 - Spin up the instance on a local machine
 - Run the program for it
 - Database Diagram
 - Simpler Hierarchy
 - Audio File
 - Each Audio File Table Entry points to a Subject, a Session, and a Facilitator
 - Alternate Hierarchy
 - Audio File Points to Session, then Session points to the Subject Data
 - Changes
 - Might be able to put the Session ID into the table with the Audio Files
 - Things that won't change during the session like date, mic, that sort of thing, can be placed into the Session table to save space on audio file entries
 - Might be able to put a cap on the size of audio files
 - Need to change keys for the tables
 - Should be similar between the different tables
 - Can also use private and foreign keys to link between tables

- Need at least one matching key
- Audio Files
 - Only need one channel, mono, don't need stereo
 - Typically 16 bit precision
 - For sure store raw (.wav) files
 - 16K sample rate
 - Typically 10-20 seconds in length
 - Puts them at 500 - 1000 KB
 - Flexible to store larger audio files
 - Most use cases will be small, few words at a time
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To Do for Next Meeting (11-3-18):

Everyone:

- Contact with Database Instructor
 - Eric and Ujjwal may want to skype in for that discussion
 - Create a new and updated version of the database diagram

***Highlight important things